

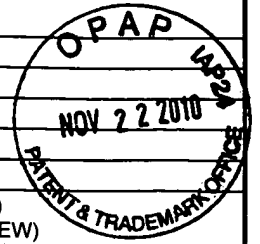
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/798,857
Filing Date	March 11, 2004
First Named Inventor	James F. BROWN
Art Unit	1641
Examiner Name	C. L. Chin
Attorney Docket Number	832_001 DIV3 (OLD) 1002.0043-03000 (NEW)

**U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS**

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,704,256	11-03-1987	Hood et al.	
		US-5,114,858	05-19-1992	Williams et al.	
		US-5,168,039	12-01-1992	Crawford et al.	
		US-5,169,766	12-08-1992	Schuster et al.	
		US-5,184,020	02-02-1993	Hearst et al.	
		US-5,194,370	03-16-1993	Berninger et al.	
		US-5,229,163	07-20-1993	Fox	
		US-5,279,938	01-18-1994	Rosa	
		US-5,374,395	12-20-1994	Robinson et al.	
		US-5,415,839	05-16-1995	Zaun et al.	
		US-5,422,271	06-06-1995	Chen et al.	
		US-5,447,679	09-05-1995	Eigen et al.	
		US-5,456,360	10-10-1995	Griffin	
		US-5,475,610	12-12-1995	Atwood et al.	
		US-5,494,795	02-27-1996	Gueary et al.	
		US-5,512,441	04-30-1996	Ronai	
		US-5,545,528	08-13-1996	Mitsuhashi et al.	
		US-5,576,176	11-19-1996	Adams et al.	
		US-5,580,722	12-03-1996	Foulkes et al.	
		US-5,580,730	12-03-1996	Okamoto	
		US-5,582,665	12-10-1996	Eigen et al.	
		US-5,589,136	12-31-1996	Northrup et al.	
		US-5,654,141	08-05-1997	Mariani et al.	
		US-5,674,742	10-07-1997	Northrup et al.	
		US-5,716,842	02-10-1998	Baier et al.	
		US-5,725,831	03-10-1998	Reichler et al.	
		US-5,766,851	06-16-1998	Shuldiner et al.	
		US-5,785,926	07-28-1998	Seubert et al.	
		US-5,846,727	12-08-1998	Soper et al.	
		US-5,876,930	03-02-1999	Livak et al.	
		US-5,939,312	08-17-1999	Baier et al.	
		US-5,952,238	09-14-1999	Tsuji et al.	
		US-7,081,226	07-25-2006	Wittwer et al.	

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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
		US-7,459,315	12-02-2008	Brown	
		US-2005/0112634 A1	05-26-2005	Woudenberg et al.	
		US-2008/0138815 A1	06-12-2008	Brown et al.	
		US-2008/0153091 A1	06-26-2008	Brown et al.	
		US-2008/0160525 A1	07-03-2008	Brown et al.	
		US-2008/0169184 A1	07-17-2008	Brown et al.	
		US-2008/0171324 A1	07-17-2008	Brown et al.	
		US-2008/0171325 A1	07-17-2008	Brown et al.	
		US-2008/0171326 A1	07-17-2008	Brown et al.	
		US-2008/0171327 A1	07-17-2008	Brown et al.	
		US-2008/0171380 A1	07-17-2008	Brown et al.	
		US-2008/0171382 A1	07-17-2008	Brown et al.	
		US-2008/0213766 A1	09-04-2008	Brown et al.	
		US-2009/0035759 A1	02-05-2009	Brown et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials ⁷	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 3808942 A1	09-28-1989	BIO MED GMBH GES FUER BIOTECHN		Abstract
		EP 0164054 B1	08-30-1989	CETUS CORPORATION		
		EP 0229701 A2	07-22-1987	CETUS CORPORATION		
		EP 0320240 A1	06-14-1989	SCIENTIFIC GENERICS LTD.		
		EP 0346594 A1	12-20-1989	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK		
		EP 0366448 A2	05-02-1990	THE GENERAL HOSPITAL CORPORATION		
		EP 0370719 A2	05-30-1990	IMPERIAL CHEMICAL INDUSTRIES PLC		
		EP 0392546 A2	10-17-1990	RO INST ZA MOLEKULARNU GENETIKU I GENETICKO INZENJERSTVO		
		EP 0420260 A2	04-03-1991	F. HOFFMAN-LA ROCHE & CO.		
		EP 0435150 A2	07-03-1991	ENZO BIOCHEM, INC.		
		EP 0487218 A1	05-27-1992	TOSOH CORPORATION		
		EP 0502011 A1	09-09-1992	DYNAL AS		

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
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FOREIGN PATENT DOCUMENTS						
		EP 0512334 A2	11-11-1992	F. HOFFMAN-LA ROCHE AG		
		EP 0549107 A1	06-30-1993	SYNTEX INC.		
		EP 0632128 A1	01-04-1995	KYOWA HAKKO KOGYO CO., LTD.		
		EP 0643140 A1	03-15-1995	CANON KK		
		EP 0676643 A2	10-11-1995	BOEHRINGER MANNHEIM GMBH		Abstract
		EP 0716150 A1	06-12-1996	TAKEDA CHEMICAL INDUSTRIES, LTD.		
		EP 0747488 A1	12-11-1996	GEN-PROBE INCORPORATED		
		EP 0751394 A1	01-02-1997	JAPANESE RED CROSS SOCIETY		
		EP 0761822 A2	03-12-1997	THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE		
		EP 0774516 A2	05-21-1997	BECTON DICKINSON AND COMPANY		
		WO 89/08717 A1	09-21-1989	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
		WO 89/09282 A1	10-05-1989	CEMU BIOTEKNIK		
		WO 89/09437 A1	10-05-1989	DEAN et al.		
		WO 89/10413 A1	11-02-1989	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK		
		WO 89/10977 A1	11-16-1989	SOUTHERN		
		WO 89/10979 A1	11-16-1989	E.I. DU PONT DE NEMOURS AND COMPANY		
		WO 89/11546 A1	11-30-1989	PAULSEN et al.		
		WO 90/06374 A1	06-14-1990	AMRAD CORPORATION LIMITED		
		WO 90/10718 A1	09-20-1990	MILLIPORE CORPORATION		
		WO 90/11369 A1	10-04-1990	CEMU BIOTEKNIK		
		WO 90/15881 A1	12-27-1990	CIS BIO INT		Abstract
		WO 91/06571 A1	05-16-1991	IMMULOGIC PHARMACEUTICAL CORPORATION		
		WO 91/09973 A2	07-11-1991	TABAQCHALI et al.		
		WO 91/15516 A2	10-17-1991	GENELABS INCORPORATED		
		WO 91/16966 A1	11-14-1991	CIA BIOSENSOR AB		
		WO 91/18114 A1	11-28-1991	MEDICAL RESEARCH COUNCIL		
		WO 91/19813 A1	12-26-1991	THE UNIVERSITY OF COLORADO FOUNDATION, INC.		

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FOREIGN PATENT DOCUMENTS						
		WO 92/05443 A1	04-02-1992	MEDICAL RESEARCH COUNCIL		
		WO 92/13092 A1	08-06-1992	ONCOGENE SCIENCE, INC.		
		WO 92/18608 A1	10-29-1992	AMERSHAM INTERNATIONAL PLC		
		WO 93/10150 A1	05-27-1993	REGENERON PHARMACEUTICALS, INC. et al.		
		WO 93/22058 A1	11-11-1993	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA		
		WO 93/25706 A1	12-23-1993	BUCHARDT et al.		
		WO 94/04918 A1	03-03-1994	SLATER et al.		
		WO 95/02067 A1	01-19-1995	AKZO NOBEL N.V.		
		WO 95/11454 A1	04-27-1995	ABBOTT LABORATORIES		
		WO 95/14109 A1	05-26-1995	U.S. DEPARTMENT OF THE ARMY		
		WO 95/21269 A1	08-10-1995	PERLIN et al.		
		WO 95/21382 A2	08-10-1995	FIELDS		
		WO 95/30774 A1	11-16-1995	BECKMAN INSTRUMENTS, INC.		
		WO 96/05861 A1	02-29-1996	MILLENIUM PHARMACEUTICALS, INC.		
		WO 96/14430 A1	05-17-1996	U.S. AGRICULTURE		
		WO 96/15450 A1	05-23-1996	DAVID SARNOFF RESEARCH CENTER, INC.		
		WO 96/18731 A2	06-20-1996	DYNAL A/S		
		WO 96/24677 A1	08-15-1996	THOMAS JEFFERSON UNIVERSITY		
		WO 96/26291 A1	08-29-1996	THE UNIVERSITY OF NOTTINGHAM		
		WO 96/36736 A2	11-21-1996	ABBOTT LABORATORIES		
		WO 96/39176 A1	12-12-1996	BRIGHAM & WOMEN'S HOSPITAL		
		WO 96/39536 A1	12-12-1996	T CELL DIAGNOSTICS, INC.		
		WO 96/41012 A1	12-19-1996	GENZYME CORPORATION		
		WO 97/03207 A1	01-30-1997	IMMUNOLOGICAL ASSOCIATES OF DENVER		
		WO 97/06890 A1	02-27-1997	ROBBINS SCIENTIFIC CORPORATION		
		WO 97/10056 A2	03-20-1997	BECTON DICKINSON AND COMPANY		
		WO 97/20951 A1	06-12-1997	SYSTEMIX, INC.		
		WO 97/22825 A1	06-26-1997	NEUKERMANS		
		WO 97/32040 A2	09-04-1997	ROYAL INFIRMARY OF EDINBURGH NHS TRUST		
		WO 97/48818 A1	12-24-1997	THE BOARD OF TRUSTEES OF THE		

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FOREIGN PATENT DOCUMENTS						
				LELAND STANFORD JUNIOR UNIVERSITY		
		WO 98/22625 A1	05-28-1998	THE REGENT OF THE UNIVERSITY OF MICHIGAN		
		WO 98/26098 A1	06-18-1998	VENTANA GENETICS, INC.		
		WO 98/38487 A2	09-03-1998	CEPHEID		
		WO 98/45481 A1	10-15-1998	CALIPER TECHNOLOGIES CORP.		
		WO 98/46438 A1	10-22-1998	CALIPER TECHNOLOGIES CORP.		
		WO 98/46797 A1	10-22-1998	IMMUNOLOGICAL ASSOCIATES OF DENVER		
		WO 98/47003 A1	10-22-1998	CYTONIX CORP. et al.		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation ⁶
		Wong, Corinne et al., "Characterization of β -thalassaemia mutations using direct genomic sequencing of amplified single copy DNA," <i>Nature</i> , Nov. 26, 1987, Vol. 330, pp.384-386.		
		Church, GM et al., "Multiplex DNA Sequencing," <i>Science</i> , April 8, 1988, Vol. 240, No. 4849, pp. 185-188.		
		Saiki, Randall K., et al., "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase," <i>Science</i> , Jan. 29, 1988, Vol. 239, No. 4839, pp. 487-491.		
		Higuchi, Russell et al., "DNA typing from single hairs," <i>Nature</i> , Apr. 7, 1988, Vol. 332, pp. 543 - 546.		
		Chehab, Farid F., et al., "Detection of specific DNA sequences by fluorescence amplification: A color complementation assay," <i>Proc. Natl. Acad. Sci. USA</i> , Dec. 1989, Vol. 86, pp. 9178-9182.		
		Rensberger, Boyce, "Magazine Award: Molecule of the Year," <i>The Washington Post</i> , Dec. 25, 1989, A Section, A2.		
		Larzul, Daniel et al., "A non-radioactive diagnostic test for the detection of HBV DNA sequences in serum at the single molecule level," <i>Molecular and Cellular Probes</i> , March 1989, Vol. 3, No. 1, pp. 45-57.		
		White, Thomas J., et al., "The polymerase chain reaction," <i>Trends in Genetics</i> , June, 1989, Vol. 5, No. 6, pp. 185-189.		
		Green, Eric D., et al., "Systematic screening of yeast artificial-chromosome libraries by use of the polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , Feb. 1990, Vol. 87, pp. 1213-1217.		
		Monckton, Darren G., et al., "Minisatellite "isoallele" discrimination in pseudohomozygotes by single molecule PCR and variant repeat mapping," <i>Genomics</i> , Oct. 1991, Vol. 11, No. 2, pp. 465-467.		
		Galindo, Ivan et al., "A combined polymerase chain reaction-colour development hybridization assay in a microtitre format for the detection of <i>Clostridium</i> spp.," <i>Applied Microbiology and Biotechnology</i> , 1993, Jul; Vol. 39, No. 4-5, pp. 553-557.		
		Mizukoshi, Noriko et al., "Detection of African Horsesickness Virus by Reverse Transcriptase Polymerase Chain Reaction (RT-PCR) using Primers for Segment 5 (NS1 Gene)," <i>The Journal of Veterinary Medical Science</i> , Apr. 1994, Vol. 56, No. 2, pp. 347-352.		
		Rasmussen, Soren R. et al., "Combined Polymerase Chain Reaction-Hybridization Microplate Assay Used to Detect Bovine Leukemia Virus and <i>Salmonella</i> ," <i>Clinical Chemistry</i> , 1994, Vol. 40, No. 2, pp. 200-205.		
		Monckton, Darren G., et al., "Somatic mosaicism, germline expansions, germline reversions and intergenerational reductions in myotonic dystrophy males: small pool PCR analyses," <i>Human Molecular Genetics</i> , 1995, Vol. 4, No. 1, pp. 1-8.		
		Burg, Lawrence J., et al., "Single molecule detection of RNA reporter probes by amplification with Q β replicase," <i>Molecular and Cellular Probes</i> , Aug. 1996, Vol. 10, No. 4, pp. 257-271.		
		Chang, Tsung C., et al., "A modified immuno-polymerase chain reaction for the detection of β -glucuronidase from <i>Escherichia coli</i> ," <i>Journal of Immunological Methods</i> , Oct. 1997, Vol. 208, No. 1, pp. 35-42.		

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NON PATENT LITERATURE DOCUMENTS			
		Chen, Zhong-Ping et al., "Quantitation of ERCC-2 Gene Expression in Human Tumor Cell Lines by Reverse Transcription-Polymerase Chain Reaction in Comparison to Northern Blot Analysis," <i>Analytical Biochemistry</i> , Jan. 1997, Vol. 244, No. 1, pp. 50-54.	
		Cavalieri, Liebe F., et al., "A DNA-Acrylamide Gel Column for Analyzing Proteins That Bind to DNA, I. DNA Polymerase," <i>Proceedings of the National Academy of Sciences</i> , Oct. 1970, Vol. 67, No. 2, pp. 807-812.	
		Klibanov, Alexander M., "Immobilized Enzymes and Cells as Practical Catalysts," <i>Science</i> , Feb. 1983, Vol. 219, pp. 722-727.	
		Chibata, Ichiro et al., "Immobilization of Cells in Carrageenan," <i>Methods in Enzymology</i> , 1987, Vol. 135, pp. 189-198.	
		Primrose, S. B., <i>Modern Biotechnology</i> , Oxford, Blackwell Scientific Publications, 1987, pp. 85-93.	
		Mullis, Kary B., et al., "Specific Synthesis of DNA in Vitro via a Polymerase-Catalyzed Chain Reaction," <i>Methods in Enzymology</i> , 1987, Vol. 155, pp. 335-350.	
		Chetverin, Alexander B., et al., "On the Nature of Spontaneous RNA Synthesis by Q β Replicase," <i>Journal of Molecular Biology</i> , 1991, Vol. 222, pp. 3-9.	
		Kuzmin et al., <i>Mol Gen Mikrobiol Virusol</i> , 1991, Vol. 8, pp. 6-8.	Abstract
		Parimoo, Satish et al., "cDNA selection: Efficient PCR approach for the selection of cDNAs encoded in large chromosomal DNA fragments," <i>Proc. Natl. Acad. Sci. USA</i> , Nov. 1991, Vol. 88, pp. 9623-9627.	
		Toranzos, Gary A., et al., "Solid-phase polymerase chain reaction: applications for direct detection of enteric pathogens in waters," <i>Canadian Journal of Microbiology</i> , 1992, Vol. 38, pp. 365-369.	
		Yolken, Robert H., et al., "Solid phase capture method for the specific amplification of microbial nucleic acids—avoidance of false-positive and false-negative reactions," <i>Molecular and Cellular Probes</i> , 1991, Vol. 5, pp. 151-156.	
		Chiu, Kuo-Ping et al., "Intracellular Amplification of Proviral DNA in Tissue Sections Using the Polymerase Chain Reaction," <i>Analytical Biochemistry</i> , 1992, Vol. 40, No. 3, pp. 333-341.	
		Levesque, Georges et al., "Biochemical Manipulations of Minute Quantities of mRNAs and cDNAs Immobilized on Cellulose Paper Discs," <i>Methods in Enzymology</i> , Vol. 216, pp. 179-186.	
		Youno, Joseph, "A Method for Nested PCR with Single Closed Reaction Tubes," <i>PCR Methods and Applications</i> , pp. 60-65.	
		Komminoth, P., et al., "In situ Polymerase Chain Reaction: General Methodology and Recent Advances," <i>Verh. Dtsch. Ges. Path.</i> , 1994, Vol. 78, pp. 146-152.	
		Shoffner, Mann A., et al., "Chip PCR. I. Surface passivation of microfabricated silicon-glass chips for PCR," <i>Nucleic Acids Research</i> , 1996, Vol. 24, No. 2, pp. 375-379.	
		Kalinina, Olga et al., "Nanoliter scale PCR with TaqMan detection," <i>Nucleic Acids Research</i> , 1997, Vol. 25, No. 10, pp. 1999-2004.	
		Copy of Office Action dated March 3, 1999 from patented Application No. 08/838,262.	
		Copy of Office Action dated August 31, 1999 from patented Application No. 08/838,262.	
		Copy of Office Action dated December 15, 2004 from patented Application No. 10/131,854.	
		Copy of Office Action dated August 22, 2005 from patented Application No. 10/131,854.	
		Copy of Office Action dated September 22, 2006 from patented Application No. 10/131,854.	
		Copy of Office Action dated May 14, 2009 from co-pending Application No. 11/837,559.	
		Copy of Office Action dated April 14, 2010 from co-pending Application No. 11/837,559.	
		Copy of Office Action dated May 28, 2009 from abandoned Application No. 11/837,561.	
		Copy of Office Action dated February 17, 2010 from abandoned Application No. 11/837,561.	
		Copy of Office Action dated April 16, 2010 from co-pending Application No. 11/837,564.	
		Copy of Office Action dated April 1, 2010 from co-pending Application No. 11/837,565.	
		Copy of Office Action dated November 23, 2009 from abandoned Application No. 11/837,569.	
		Copy of Office Action dated March 18, 2010 from co-pending Application No. 11/837,581.	

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NON PATENT LITERATURE DOCUMENTS			
		Copy of Office Action dated July 22, 2010 from co-pending Application No. 11/837,600.	
		Copy of Office Action dated June 22, 2010 from co-pending Application No. 11/837,608.	
		Copy of Office Action dated March 4, 2010 from co-pending Application No. 11/837,613.	
		Copy of Office Action dated March 3, 2010 from co-pending Application No. 11/837,620.	
		Copy of Office Action dated March 5, 2010 from co-pending Application No. 11/837,651.	
		Copy of Office Action dated May 14, 2010 from co-pending Application No. 11/837,656.	

Examiner Signature		Date Considered	
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